

DEPARTMENT OF NATURAL RESOURCES  
OLYMPIA, WASHINGTON  
98504

## ENVIRONMENTAL CHECKLIST

### *Purpose of checklist:*

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

### *Instructions for applicants:*

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you. The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

### *Use of checklist for nonproject proposals:*

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." in addition, complete the supplemental sheet for nonproject actions (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

### A. BACKGROUND

1. Name of proposed project, if applicable: "MULLIGAN HEIGHTS- 321707" PROPOSED TIMBER HARVEST.
2. Name of applicant: RAINIER TIMBER CO., LLC
3. Address and phone number of applicant and contact person: 31716 CAMP ONE ROAD EAST, ORTING, WA 98360. (360) 879-4200, ROBERT E. WISTOSKI, (360) 879-4200 EXT. 210
4. Date checklist prepared: 10/04/04
5. Agency requesting checklist: DEPARTMENT OF NATURAL RESOURCES
6. Proposed timing or schedule (including phasing, if applicable):  
DURING THE PERIOD APPROXIMATELY NOVEMBER, 2004 THROUGH NOVEMBER, 2006,  
ALIGNS WITH APPROVAL AND DURATION OF APPROVED FPA.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.  
 PERIODIC ROAD MAINTENANCE REQUIRED. BRUSH CONTROL, FOREST MANAGEMENT AND FUTURE HARVEST OF REMAINING MATURE TIMBER ADJOINING PROPOSED HARVEST UNIT.
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.  
 ATTACHED TO THE FPA WILL BE A COPY OF A REPORT PREPARED BY JOHN LAMANNA:  
"GEOTECHNICAL REPORT, PROPOSED MULLIGAN HEIGHTS HARVEST UNIT, PIERCE COUNTY, WA, STREAM TYPE UPDATE FORMS AND MAPS PREPARED BY TERRAPIN ENVIRONMENTAL, ( C. EDWARD CUPP, FISH AND WILDLIFE BIOLOGIST ), ALTERNATE PLAN PROPOSAL FOR HARVESTING TIMBER ON PORTIONS OF AN APPROXIMATELY 5 ACRE DEBRIS FAN LOCATED IN THE NORTH CENTRAL AREA OF SEC. 32, TWP. 17N, RGE 07E, PREPARED BY ROBERT E. WISTOSKI.  
 PREPARED BUT NOT ATTACHED: GEOTECHNICAL REVIEW OF THE MULLIGAN HEIGHTS DEBRIS FAN PREPARED BY E. STEVE TOTH, CONSULTING HYDROLOGIST.  
*\* These reports are on file at WADNR SPS Region office JS*
9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.  
 NO
10. List any government approvals or permits that will be needed for your proposal, if known.  
 NONE KNOWN *Forest Practice Application from WADNR JS*
11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)  
 APPLICANT PROPOSING TO HARVEST APPROXIMATELY 112 ACRES OF 60 TO 65 YEAR OLD CONIFER AND DECIDUOUS TIMBER.
12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.  
 PORTIONS OF THE (SW 1/4 & SE 1/4 of NW 1/4), (NE 1/4 & NW 1/4 of SW 1/4), (SW 1/4 of NE 1/4), (NW 1/4 of SE 1/4), SECTION 32, TOWNSHIP 17 NORTH, RANGE 7 EAST, W.M..

TO BE COMPLETED BY APPLICANT

EVALUATION FOR AGENCY USE ONLY

B. ENVIRONMENTAL ELEMENTS

1. Earth

- a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other . . . . .  
 STEEP SLOPE, (BROKEN TOPOGRAPHY), LOWER ELEVATIONS FLAT TO MODERATELY STEEP SLOPES
- b. What is the steepest slope on the site (approximate percent slope)? 65-100%
- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.  
 SOIL IS BELLECUM; PARENT MATERIAL IS (AEOLIAN PUMICE AND VOLCANIC ASH OVER WEATHERED ANDESITE OR BECCIA) CATT CREEK, (AEOLIAN PUMICE AND VOLCANIC ASH

OVER WEATHERED ANDESITE) AND (AEOLIAN PUMICE AND VOLCANIC ASH OVER GLACIAL TILL)

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.  
RAVELING OF STEEP ROCKY OUTCROPS IS OCCURRING, REFER TO THE GEOTECHNICAL REPORT, PROPOSED MULLIGAN HEIGHTS HARVEST UNIT, PIERCE COUNTY, WASHINGTON ATTACHED, WRITTEN BY JOHN LAMANNA, (LAMANNA GEOSCIENCES INC.), SUBMITTED ON OCTOBER 12, 2004. ALL OF THE POTENTIALLY UNSTABLE AREAS WITHIN THE INNER GORGE AND BEDROCK HOLLOWS HAVE BEEN REMOVED FROM THE PROPOSED HARVEST AREA.
- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.  
PROPOSED AS A TIMBER HARVEST ACTIVITY, NO FILLING OR GRADING PROPOSED
- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.  
LOW POTENTIAL FOR EROSION EXISTS BECAUSE OF GENTLE TOPOGRAPHY ADJACENT TO PROPOSED ROAD CONSTRUCTION. LOGS WILL BE PARTIALLY TO FULLY SUSPENDED TO MINIMIZE GROUND DISTURBANCE ON THE STEEPER SLOPES. A HELICOPTER OR STANDING SKYLINE WITH A REMOTE MOTORIZED CARRIAGE WILL BE EMPLOYED TO LIFT LOGS STRAIGHT UPWARD ON THE STEEPEST TOPOGRAPHY. LOGS WILL BE FELL AWAY FROM AND YARDED AWAY FROM ALL TYPE 4 AND 5 WATER OR BRIDGED WITH NO CHANNELS DAMAGED. THE AREA WILL BE PLANTED WITH SEEDLINGS SHORTLY AFTER TIMBER HARVEST ACTIVITIES AND ANY AREAS ADJACENT TO TYPE 4 AND 5 WATERS THAT MIGHT BE DISTURBED WILL BE COVERED WITH HAY OR STRAW TO MINIMIZE SEDIMENT DELIVERY.
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? APPROXIMATELY .08% OF ROCKED ROAD, NO IMPERVIOUS SURFACE.
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:  
NEW ROAD DITCHLINE ESTABLISHED TO COLLECT WATER RUNOFF FROM ROAD SURFACE. 18 TO 36 INCH DRAINAGE CULVERTS AND CROSS-DRAINS AT APPROPRIATE LOCATIONS EITHER HAVE OR WILL BE INSTALLED. STRAW DISPERSAL AND GRASS SEEDING WILL OCCUR ON EXPOSED SOIL AREAS THAT COULD ERODE. DITCHOUTS AND SEDIMENT TRAPS WILL BE CREATED AS REQUIRED TO REDUCE EROSION.

## **2. Air**

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.  
DIESEL AND GAS EMISSIONS FROM TIMBER HARVEST AND ROAD CONSTRUCTION EQUIPMENT DURING OPERATION. SMOKE FROM SLASH PILE BURNING MAY OCCUR AFTER HARVEST. QUANTITIES UNKNOWN.
- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.  
NO
- c. Proposed measures to reduce or control emissions or other impacts to air, if any:  
STANDARD EMISSION CONTROL DEVICES WILL BE USED ON EQUIPMENT. SLASH PILES FREE OF INORGANIC DEBRIS.

## **3. Water**

- a. Surface:
- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

NUMEROUS UNNAMED TYPE 4 & 5 STREAMS THAT FLOW INTO UNNAMED TYPE 3 STREAMS WHICH EVENTUALLY FLOW INTO THE MOWICH RIVER. ALL OF TYPE 4 STREAMS WOULD BE A MINIMUM OF 50' FROM THE PROPOSED TIMBER HARVESTING ACTIVITY.

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

PLACEMENT OF CABLE TAILHOLDS ACROSS UNNAMED TYPE 3, 4 & 5 STREAMS, LOGS YARDED AWAY FROM STREAMS. LOGS WILL NOT BE YARDED ACROSS TYPE 3, 4 & 5 STREAMS UNLESS FULLY SUSPENDED ABOVE THE STREAMS SO NOT TO DISTURB ANY OF THE STREAMSIDE VEGETATION AND STREAM BANK INTEGRITY. THE ROAD SYSTEM ACCOMMODATE FALLING TIMBER AWAY FROM AND YARDING AWAY FROM TYPE 4 & 5 WATERS AND FORESTED WETLANDS WITHIN AND ADJACENT TO THE PROPOSED HARVEST UNIT BOUNDARY.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

DOES NOT APPLY

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

NO

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

NO

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

NO

b. Ground:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

NO

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

DOES NOT APPLY

c. Water Runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

ROADS WILL BE CROWNED AND DITCHED SO RAINWATER FLOWING OFF ROAD SURFACE WILL FLOW ONTO THE FOREST FLOOR OR INTO A NEW ROAD DITCHLINE. THE DITCHLINE FLOW WILL BE DIRECTED THROUGH CROSS DRAIN CULVERTS INSTALLED AT APPROPRIATE LOCATIONS, AWAY FROM TYPE 4 & 5 STREAM WATER, AND THEN TO THE FOREST FLOOR OR SEDIMENT TRAPS. HAY OR STRAW WILL BE DISPERSED IN SOME DITCHLINES TO TRAP AND HOLD SEDIMENT.

- 2) Could waste materials enter ground or surface waters? If so, generally describe.

SIGNIFICANT FLUID SPILLS FROM EQUIPMENT MAY POTENTIALLY ENTER SURFACE WATERS OR SOAK INTO FOREST FLOOR AND GROUND WATERS. CARE WILL BE TAKEN TO MAKE

SURE THIS DOES NOT OCCUR AND FLUID SPILL KITS WILL BE ON SITE DURING EQUIPMENT OPERATION.

- d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:  
ROUTE RUN-OFF WATER TO THE FOREST FLOOR AND/OR SEDIMENT TRAPS. USE SILT SCREENS AND VEGETATION TO CONTROL SEDIMENT DELIVERY DURING AND AFTER TIMBER HARVESTING ACTIVITY IS COMPLETED.

#### 4. Plants

- a. Check or circle types of vegetation found on the site:

☒\_deciduous tree: alder, maple, willow, cottonwood, other  
☒\_evergreen tree: fir, cedar, pine, other: hemlock, pacific silver and noble fir  
☒\_shrubs  
☒\_grass  
☐\_pasture  
☐\_crop or grain  
☒\_wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other  
☐\_water plants: water lily, eelgrass, milfoil, other  
☒\_other types of vegetation

- b. What kind and amount of vegetation will be removed or altered?

CONIFER AND DECIDUOUS TREES WILL BE REMOVED FROM THE PROPOSED HARVEST UNIT.

CONIFER AND DECIDUOUS TREES WILL BE RETAINED A MINIMUM OF 50 FEET FROM ALL BUT A VERY SHORT DISTANCE ON ALL OF THE LENGTH OF THE UNNAMED TYPE 4 STREAMS. IN ADDITION UNSTABLE SLOPES THAT COULD DELIVER TO A PUBLIC RESOURCE AND TALUS AREAS HAVE BEEN BUFFERED OUT AND WILL BE ELIMINATED FROM HARVEST. VEGETATION WILL BE DISTURBED VERY LITTLE, IF AT ALL, IN THESE BUFFERED OUT AREAS.

- c. List threatened or endangered species known to be on or near the site.  
NONE KNOWN

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

REPLANT AREA WITH CONIFER SEEDLINGS WITHIN 1 YEAR OF HARVEST.

#### 5. Animals

- a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: hawk, heron, eagle, songbirds, other: grouse  
mammals: deer, bear, elk, beaver, other: rabbits  
fish: bass, salmon, trout, herring, shellfish, other:

- b. List any threatened or endangered species known to be on or near the site.  
NONE KNOWN

- c. Is the site part of a migration route? If so, explain.  
NONE KNOWN

- d. Proposed measures to preserve or enhance wildlife, if any:

ALL BUT A VERY SHORT, (50' LENGTH) AREA OF TYPE 4 STREAMS AND FORESTED WETLAND WITHIN OR ADJACENT TO THE PROPOSED HARVEST BOUNDARY WILL BE BUFFERED WITH MINIMUM 50' RIPARIAN BUFFER, WHICH WILL PROVIDE WILDLIFE/GREEN RECRUITMENT TREES. SNAGS WITHIN THE UNSTABLE SLOPE AREAS AND RIPARIAN HABITAT AREAS TO BE RETAINED UNLESS THE SNAGS ARE DETERMINED TO BE A DANGER TREE AND WA DEPT. OF L&I SAFETY VIOLATION IF LEFT STANDING.

#### **6. Energy and natural resources**

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.  
DOES NOT APPLY
- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.  
DOES NOT APPLY
- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:  
DOES NOT APPLY

#### **7. Environmental health**

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.  
THERE IS A RISK OF EQUIPMENT FIRE, FUEL SPILLS, AND EXPOSURE TO FUELS AND LUBRICANTS. RISK OF WILD FIRE WILL INCREASE FOR APPROXIMATELY 5 YEARS AFTER THE UNIT HAS BEEN HARVESTED.
  - 1) Describe special emergency services that might be required.  
A HAZMAT TEAM COULD BE CALLED ON IN THE EVENT OF A LARGE FUEL SPILL. WA DEPARTMENT OF NATURAL RESOURCES FIRE SUPPRESSION CREWS AND EQUIPMENT IN THE EVENT OF A FIRE.
  - 2) Proposed measures to reduce or control environmental health hazards, if any:  
OPERATORS SHALL HAVE AND MAINTAIN ALL EQUIPMENT IN GOOD AND SAFE OPERATING CONDITION. ALL PETROLEUM PRODUCTS SHALL BE REMOVED FROM THE AREA AND DEPOSITED IN AN APPROVED DISPOSAL AREA. OPERATORS SHALL HAVE AN APPROVED ACCIDENT PREVENTION PROGRAM. TIMBER HARVEST ACTIVITIES WILL ONLY BE ALLOWED DURING PERIODS OF ACCEPTABLE FIRE HAZARD CONDITIONS PER DNR INDUSTRIAL FIRE CLASS PRECAUTION LEVELS.
- b. Noise
  - 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?  
DOES NOT APPLY
  - 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.  
SHORT TERM INCREASE IN NOISE ASSOCIATED WITH ROAD CONSTRUCTION AND TIMBER HARVESTING EQUIPMENT WILL OCCUR, PRIMARILY DURING DAYLIGHT HOURS.
  - 3) Proposed measures to reduce or control noise impacts, if any:  
USE OF APPROVED, STANDARD NOISE SUPPRESSION EQUIPMENT ON MACHINERY

#### **8. Land and Shoreline use**

- a. What is the current use of the site and adjacent properties?  
COMMERCIAL FOREST LAND
- b. Has the site been used for agriculture? If so, describe.  
NO
- c. Describe any structures on the site.  
NONE
- d. Will any structures be demolished? If so, what?  
DOES NOT APPLY
- e. What is the current zoning classification of the site?  
COMMERCIAL FOREST LAND
- f. What is the current comprehensive plan designation of the site?  
COMMERCIAL FOREST LAND
- g. If applicable, what is the current shoreline master program designation of the site?  
DOES NOT APPLY
- h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.  
NO HARVESTING OF TIMBER WILL BE ALLOWED IN THE INNER GORGES AND BEDROCK  
HOLLOWES AND LEAD END TO FULL SUSPENSION OF LOGS WILL BE REQUIRED WHEN  
HARVESTING ON POTENTIALLY UNSTABLE SLOPES. PLEASE REFER TO JOHN LAMANNAS'  
GEOTECHNICAL REPORT FOR A MORE THOROUGH ASSESSMENT.
- i. Approximately how many people would reside or work in the completed project?  
DOES NOT APPLY
- j. Approximately how many people would the completed project displace?  
NONE
- k. Proposed measures to avoid or reduce displacement impacts, if any:  
DOES NOT APPLY
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans,  
if any:  
NONE, ADJACENT TO COMMERCIAL FOREST LAND

#### **9. Housing**

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.  
DOES NOT APPLY
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.  
DOES NOT APPLY
- c. Proposed measures to reduce or control housing impacts, if any:  
DOES NOT APPLY

#### **10. Aesthetics**

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?  
DOES NOT APPLY

- b. What views in the immediate vicinity would be altered or obstructed?  
MINIMAL VISUAL IMPACT
- c. Proposed measures to reduce or control aesthetic impacts, if any:  
RETAIN TIMBER WITHIN UNSTABLE SLOPES AND RMZ'S NEXT TO STREAMS, WHICH ARE ADJACENT TO THE PROPOSED TIMBER HARVEST AREA. REPLANT THE AREA WITH CONIFER SEEDLINGS WITHIN 12 MONTH AFTER THE HARVESTING ACTIVITY HAS BEEN COMPLETED.

**11. Light and glare**

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?  
NONE
- b. Could light or glare from the finished project be a safety hazard or interfere with views?  
NO
- c. What existing off-site sources of light or glare may affect your proposal?  
NONE
- d. Proposed measures to reduce or control light and glare impacts, if any:  
NONE

**12. Recreation**

- a. What designated and informal recreational opportunities are in the immediate vicinity?  
HUNTING, SIGHT SEEING, HIKING, MUSHROOM PICKING
- b. Would the proposed project displace any existing recreational uses? If so, describe.  
NO
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:  
FOR SAFETY REASONS THE AREA WILL BE MONITORED AND ACCESS CONTROLLED DURING ROAD RECONSTRUCTION AND TIMBER HARVESTING ACTIVITY. BECAUSE OF EASIER ROAD ACCESS AFTER THE TIMBER HARVESTING ACTIVITY HAS BEEN COMPLETED RECREATIONAL OPPORTUNITY WILL BE ENHANCED.

**13. Historic and cultural preservation**

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.  
NONE KNOWN
- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.  
NONE KNOWN
- c. Proposed measures to reduce or control impacts, if any:  
NONE PROPOSED

**14. Transportation**

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.  
THE AREA IS APPROXIMATELY 25 MILES SOUTHEAST OF ORTING, VIA ORVILLE, CAMP 1 ROAD AND RAINIER TIMBER CO. LLC ROADS.

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

DOES NOT APPLY

c. How many parking spaces would the completed project have? How many would the project eliminate?

DOES NOT APPLY

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

APPROXIMATELY 335 FEET OF NEW PRIVATE FOREST ROADS.

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

A PORTION OF THE AREA WILL BE HARVESTED USING HELICOPTERS TO TRANSPORT LOGS FROM WITHIN THE HARVEST UNIT BOUNDARY TO A DESIGNATED LANDING AREA OUTSIDE OF THE HARVEST UNIT BOUNDARY.

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

APPROXIMATELY 40-60 ADDITIONAL VEHICULAR TRIPS PER DAY WOULD BE ANTICIPATED DURING TIMBER HARVEST ACTIVITIES. AN UNKNOWN AMOUNT OF RECREATIONAL TRAFFIC UTILIZES THE EXISTING ROADS FOR RECREATION.

g. Proposed measures to reduce or control transportation impacts, if any:

NONE PROPOSED

#### 15. Public services

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

NO

b. Proposed measures to reduce or control direct impacts on public services, if any.

NONE PROPOSED

#### 16. Utilities

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

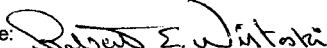
NONE

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

DOES NOT APPLY

C. Signature

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: 

Date Submitted: 10/20/04

Approved By: